



FIG. 1

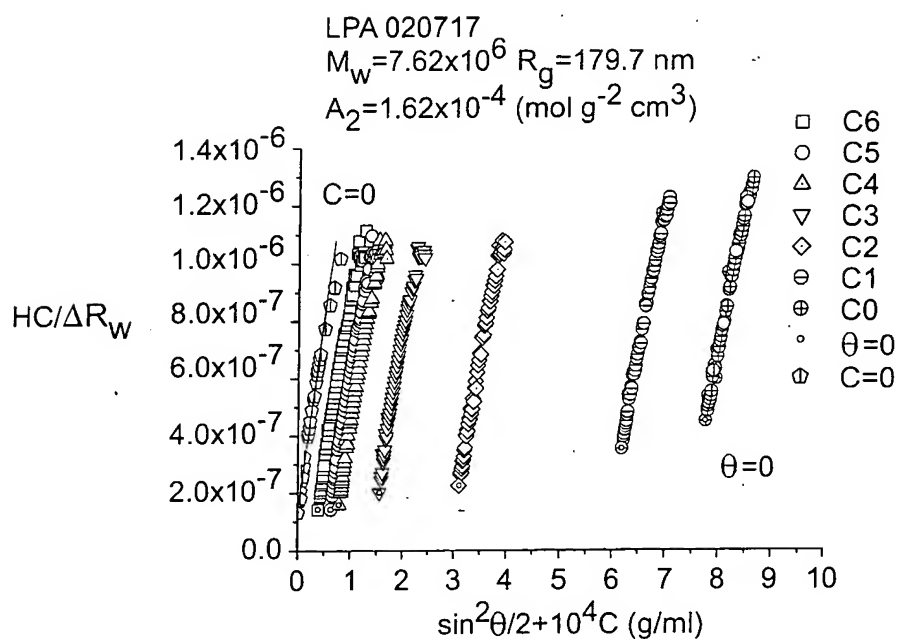
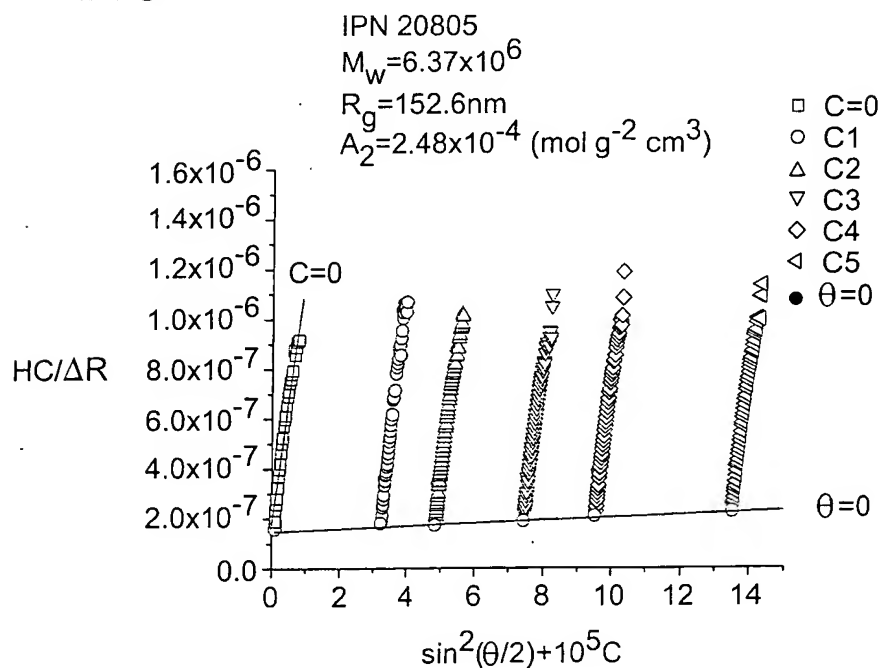


FIG. 2



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FIG. 3

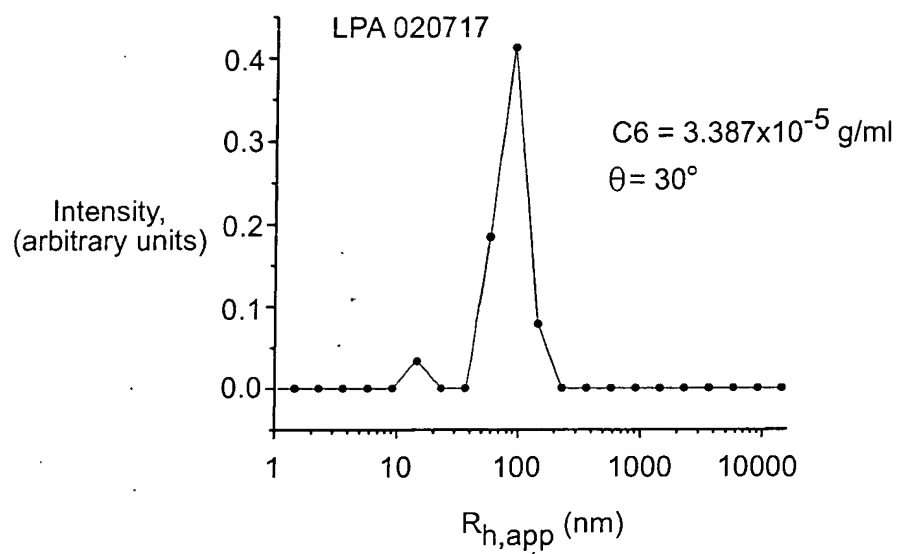
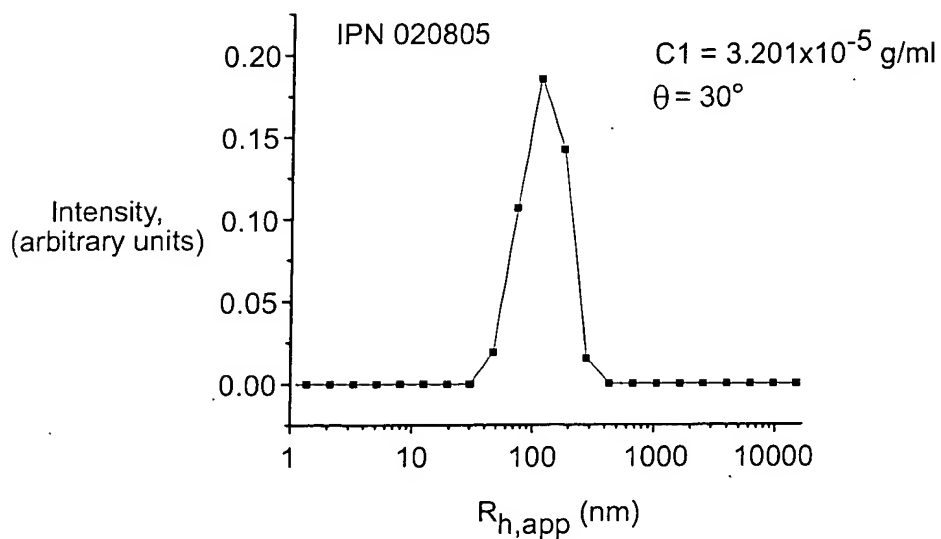


FIG. 4



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FIG. 5A

020604-2.0%; DNA: pGEM-3Zf(+) from the -21 M13 forward primer;
Capillary: 34/42cm; Injection: 75V/cm, 8s;
Run: 225 V/cm; Buffer: 1xTTE+7M urea; Temperature: 60°C

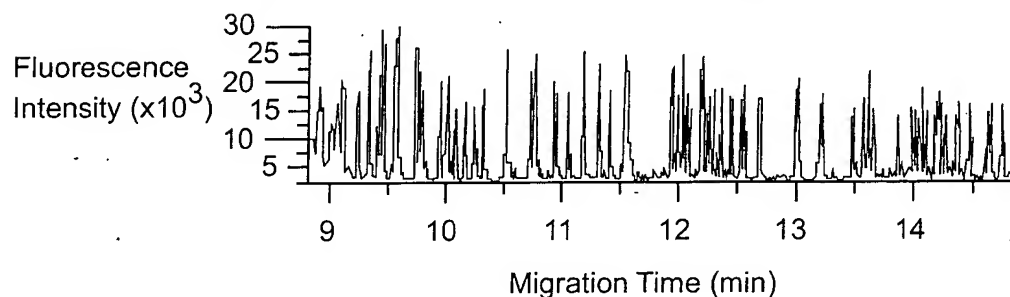


FIG. 5B

020604-2.0%; DNA: pGEM-3Zf(+) from the -21 M13 forward primer;
Capillary: 34/42cm; Injection: 75V/cm, 8s;
Run: 225 V/cm; Buffer: 1xTTE+7M urea; Temperature: 60°C

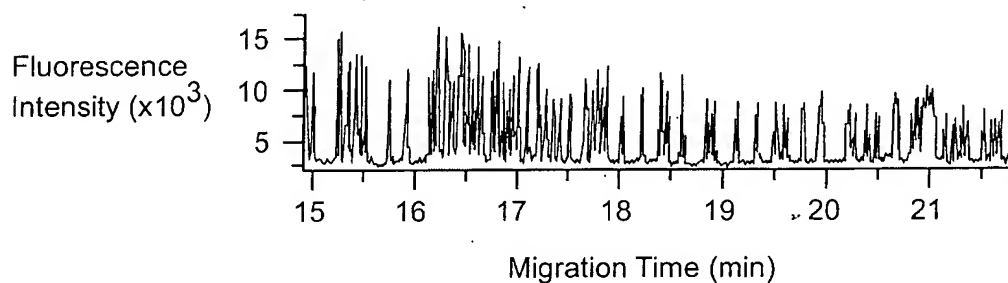
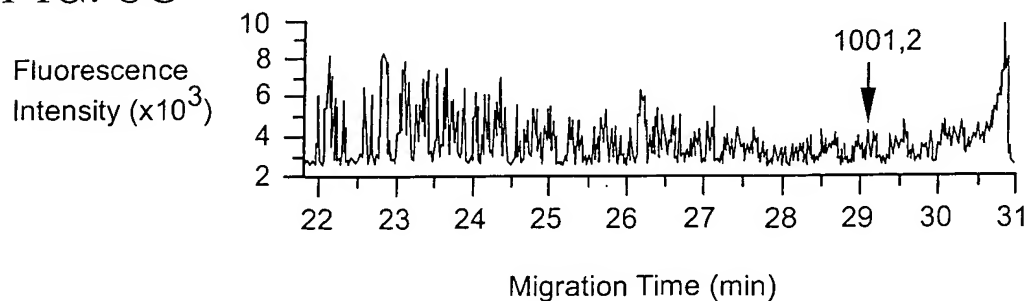


FIG. 5C

020604-2.0%; DNA: pGEM-3Zf(+) from the -21 M13 forward primer;
Capillary: 34/42cm; Injection: 75V/cm, 8s;
Run: 225 V/cm; Buffer: 1xTTE+7M urea; Temperature: 60°C



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FIG. 6A

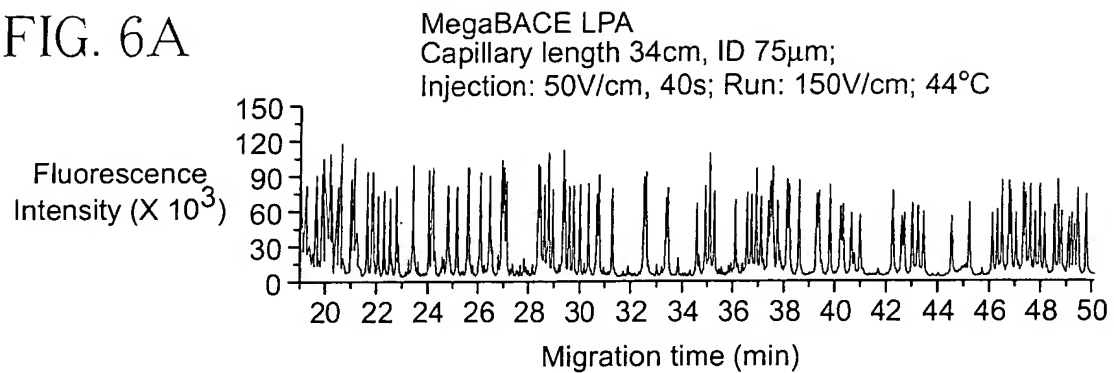


FIG. 6B

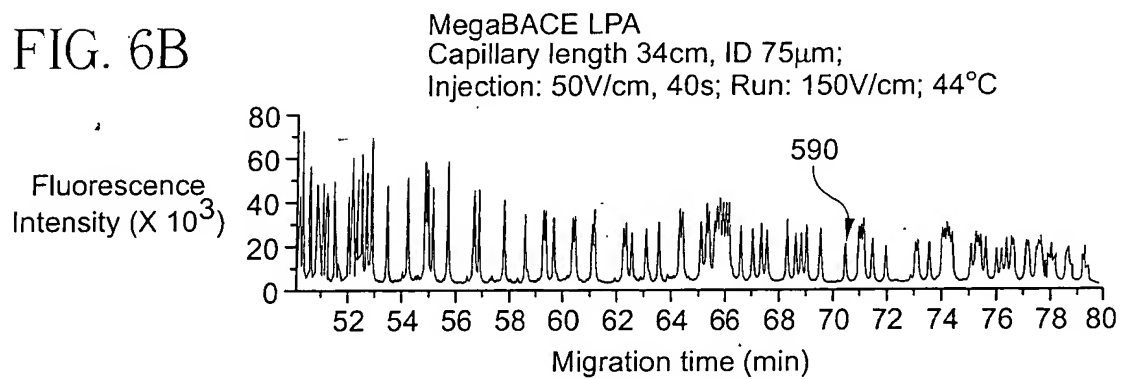
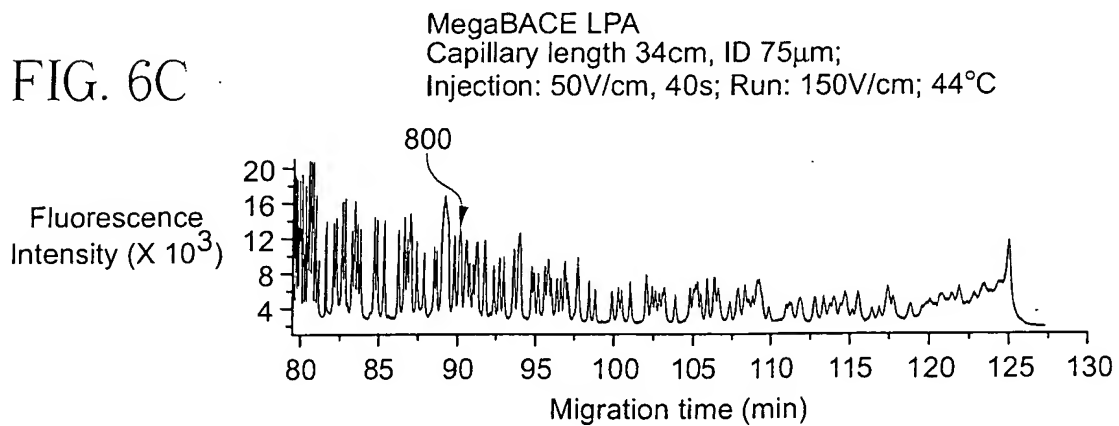


FIG. 6C



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FIG. 7A

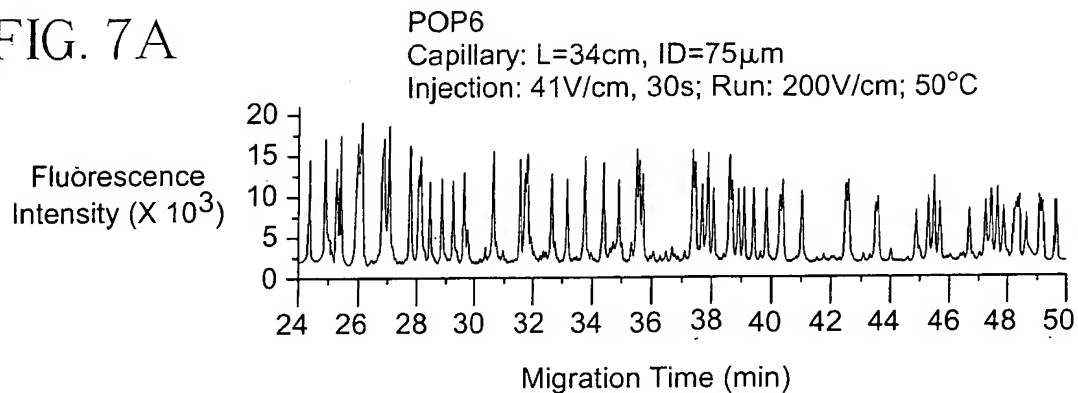


FIG. 7B

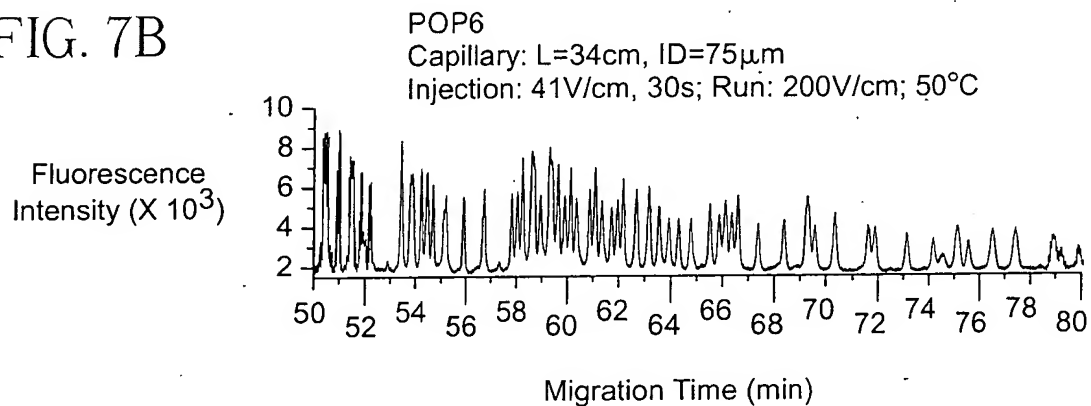
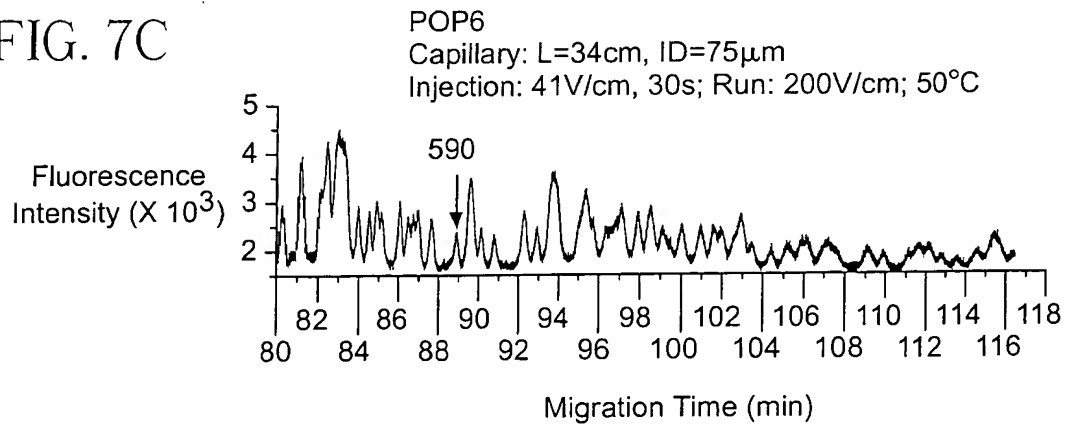


FIG. 7C



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FIG. 8A

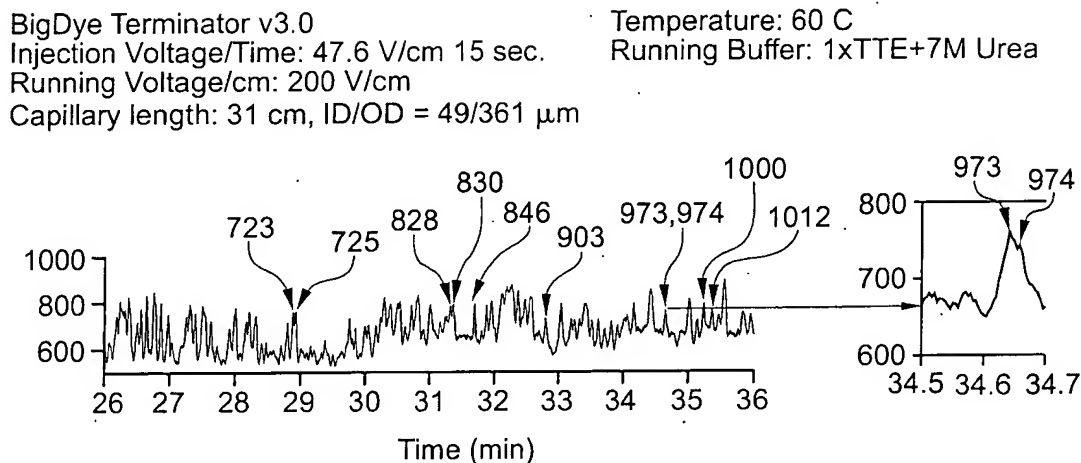
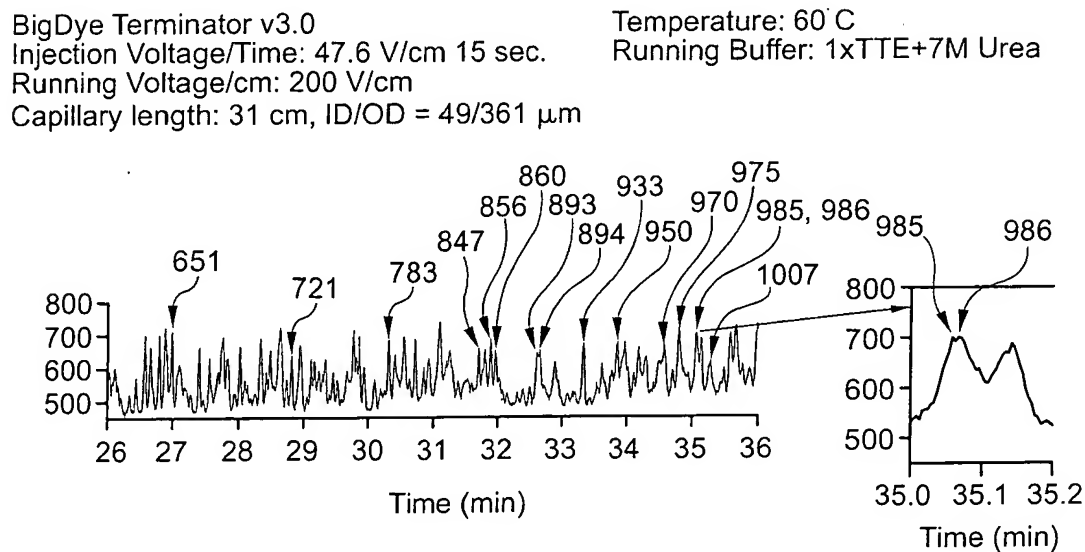


FIG. 8B



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FIG. 8C

BigDye Terminator v3.0
Injection Voltage/Time: 47.6 V/cm 15 sec.
Running Voltage/cm: 200 V/cm
Capillary length: 31 cm, ID/OD = 49/361 μm
Temperature: 60 C
Running Buffer: 1xTTE+7M Urea

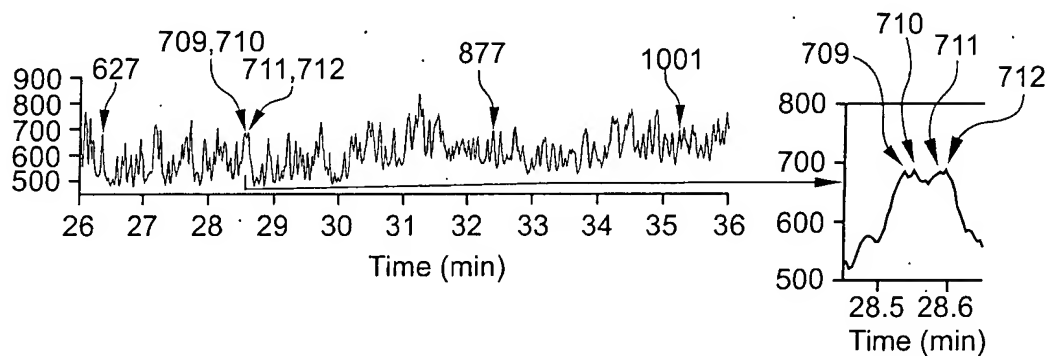
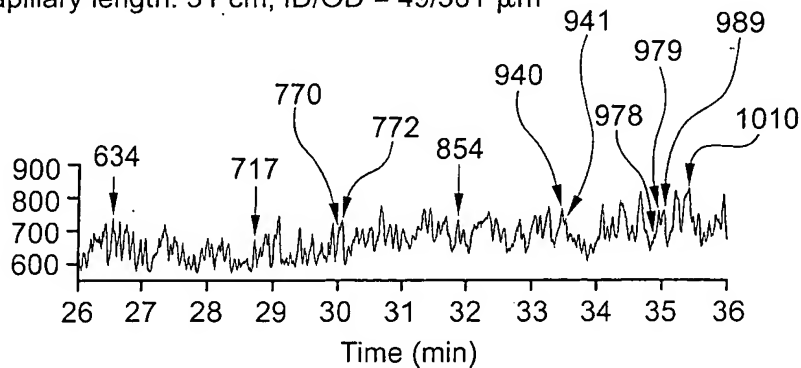


FIG. 8D

BigDye Terminator v3.0
Injection Voltage/Time: 47.6 V/cm 15 sec.
Running Voltage/cm: 200 V/cm
Capillary length: 31 cm, ID/OD = 49/361 μm
Temperature: 60 C
Running Buffer: 1xTTE+7M Urea



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FIG. 9A

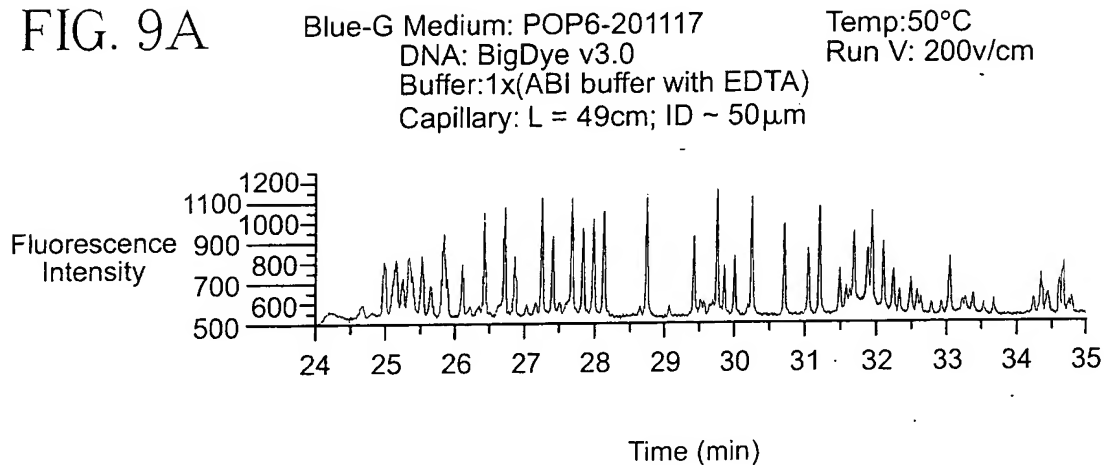


FIG. 9B

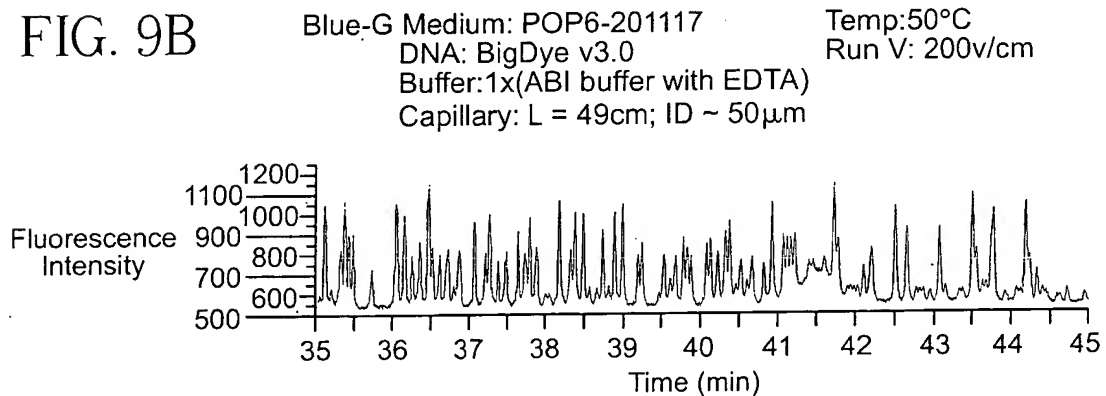
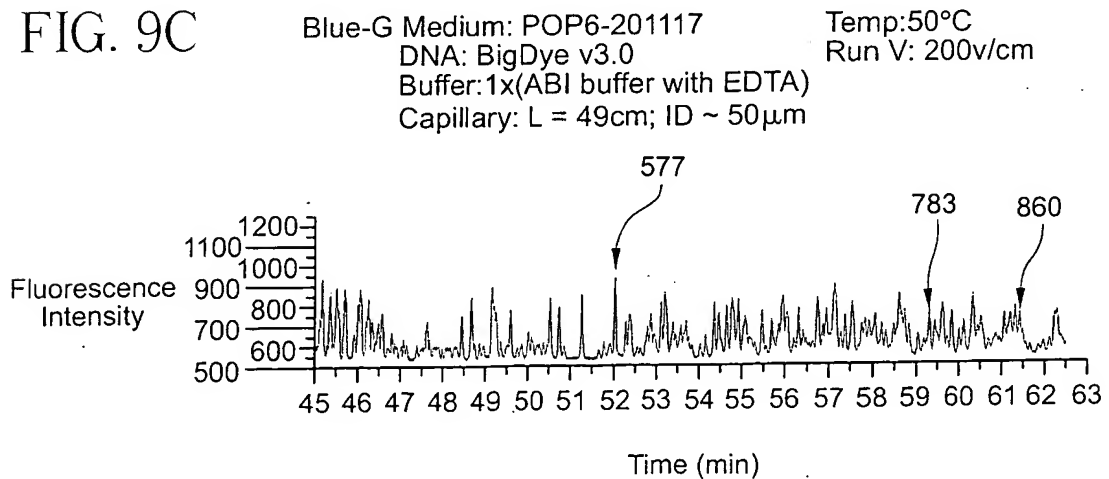


FIG. 9C



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FIG. 10A

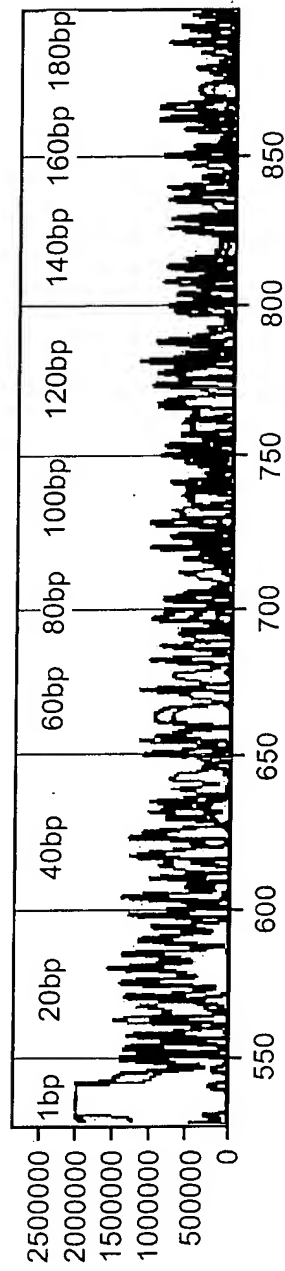
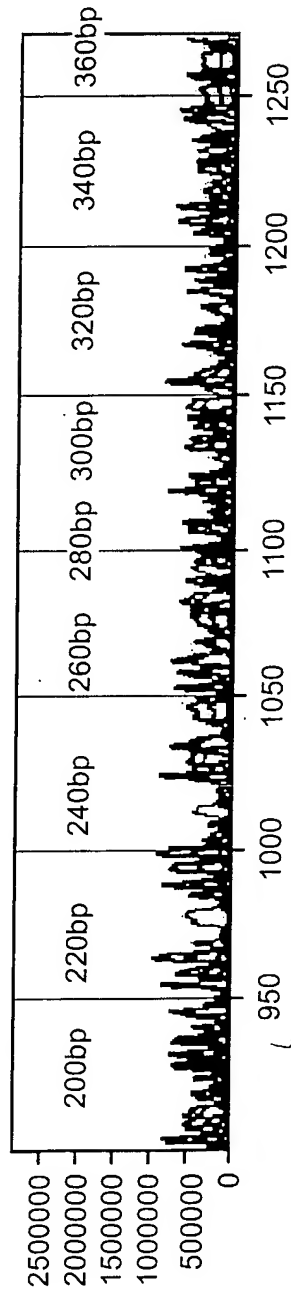


FIG. 10B



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FIG. 10C

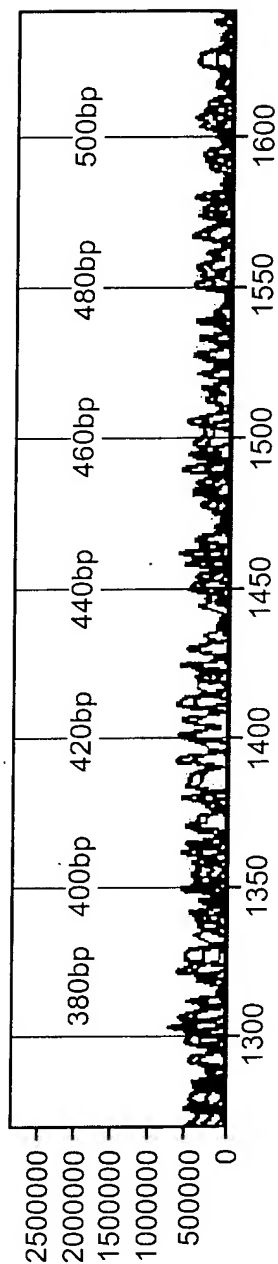
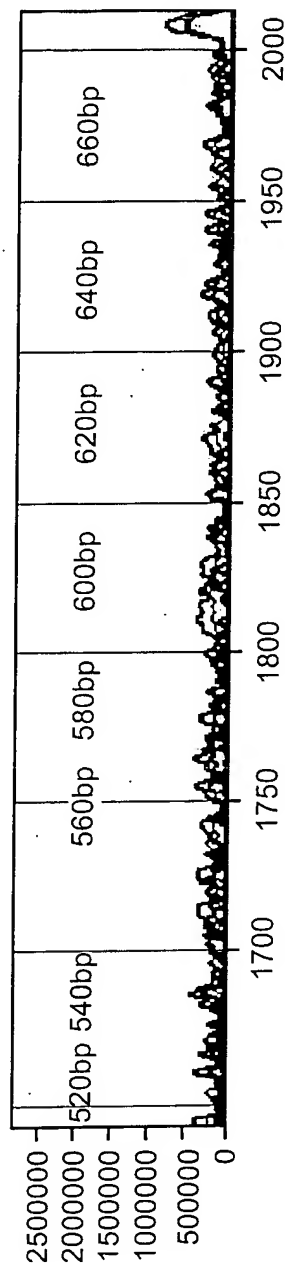


FIG. 10D



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FIG. 11A

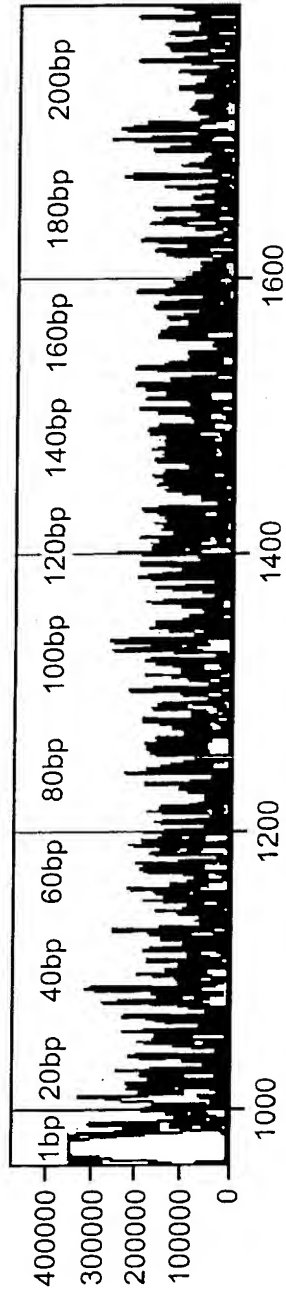
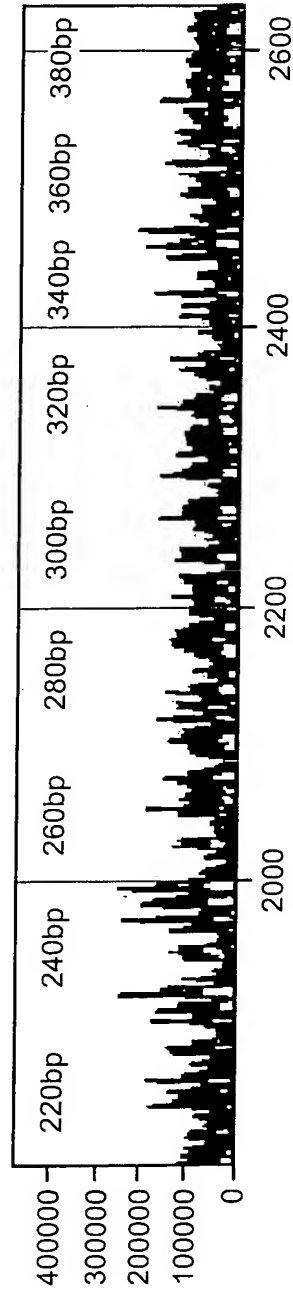


FIG. 11B



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FIG. 11C

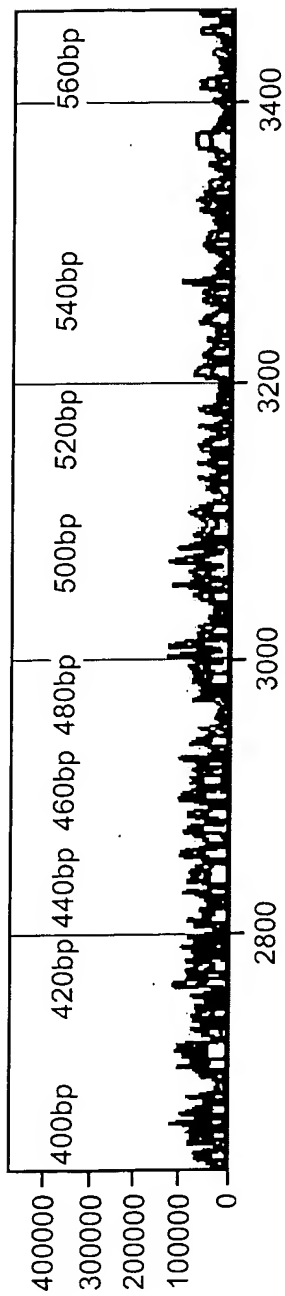
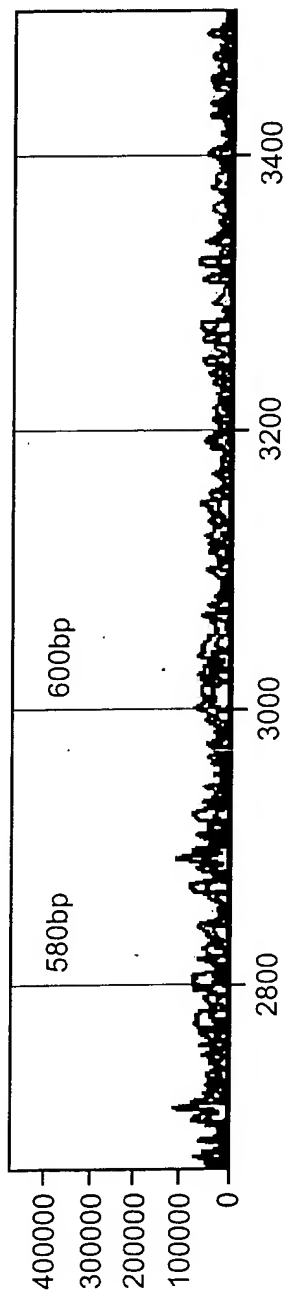


FIG. 11D



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FIG. 12A MPN-Blue-G Running Voltage/cm: 195.5 V/cm
Injection Voltage/cm: 27 V/cm
60°C, Cap.Length: 33cm; ID/OD:50/361 μ m

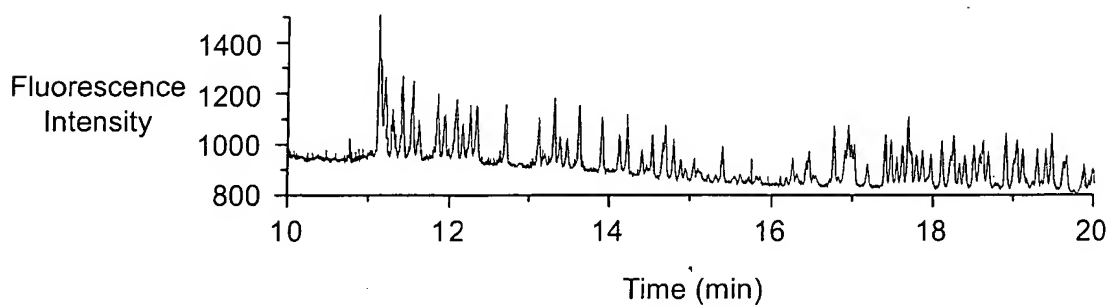


FIG. 12B MPN-Blue-G Running Voltage/cm: 195.5 V/cm
Injection Voltage/cm: 27 V/cm
60°C, Cap.Length: 33cm; ID/OD:50/361 μ m

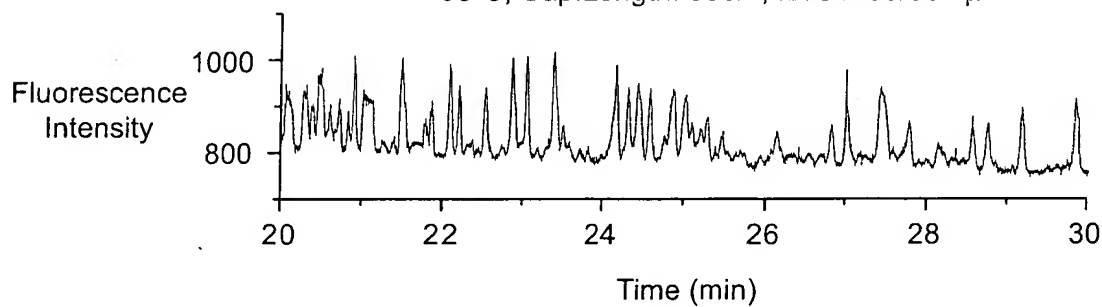
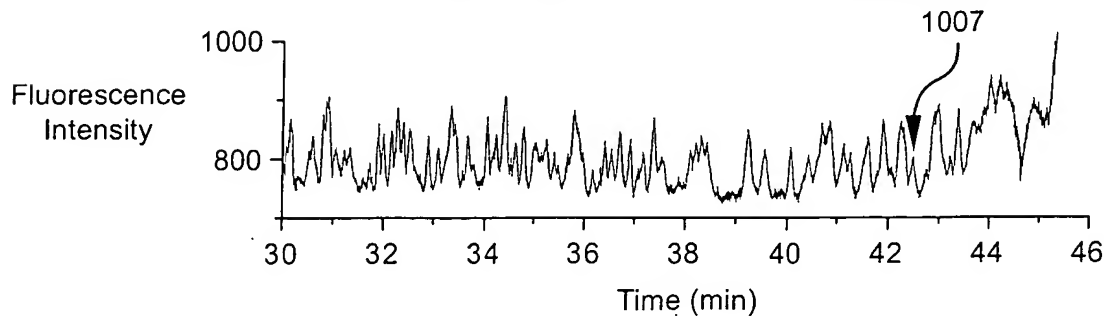
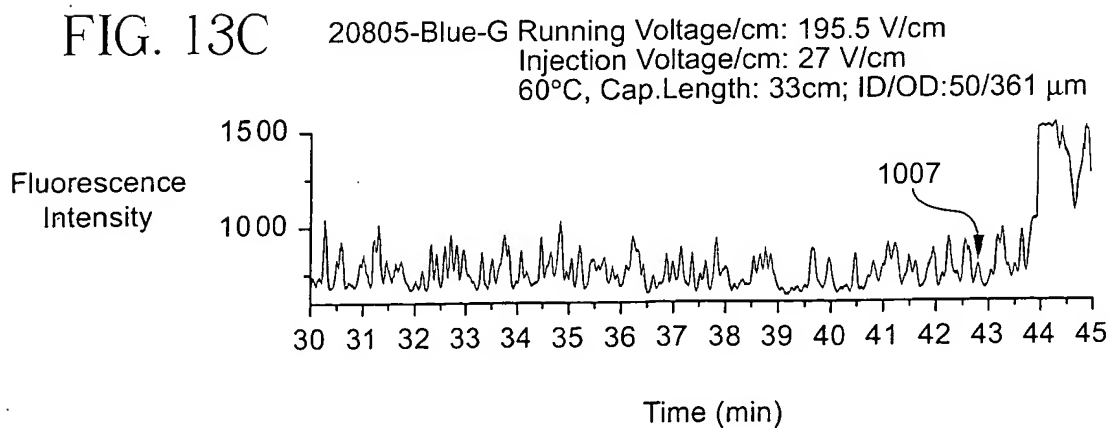
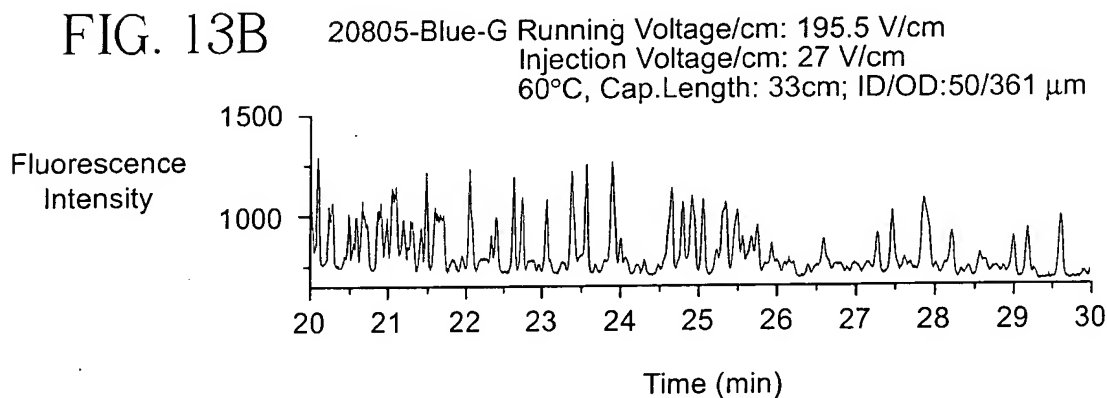
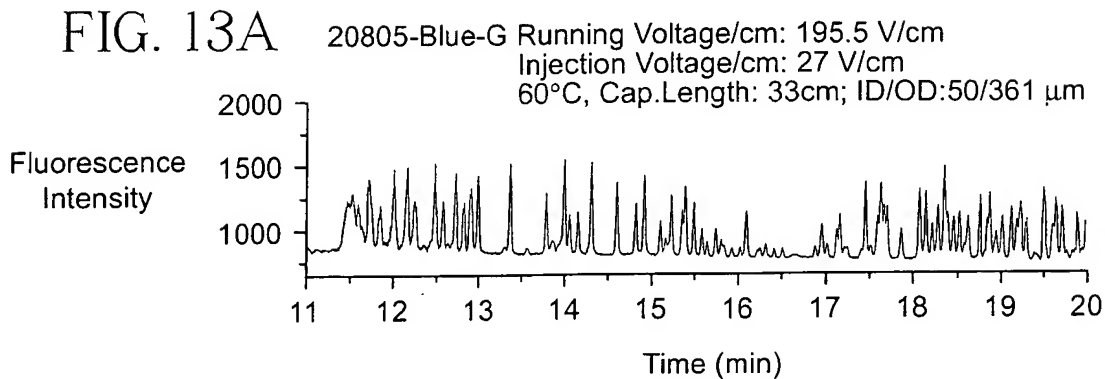


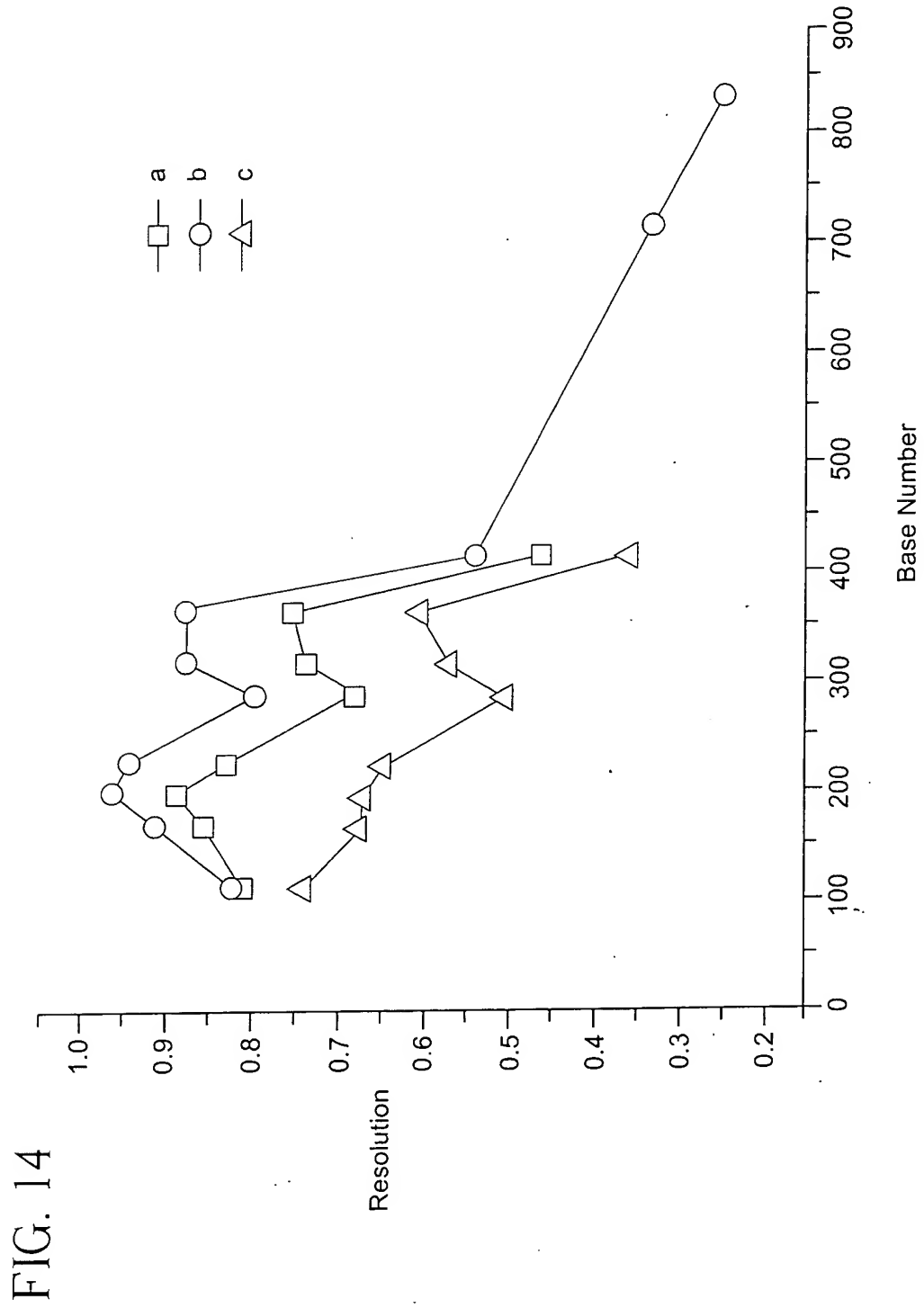
FIG. 12C MPN-Blue-G Running Voltage/cm: 195.5 V/cm
Injection Voltage/cm: 27 V/cm
60°C, Cap.Length: 33cm; ID/OD:50/361 μ m



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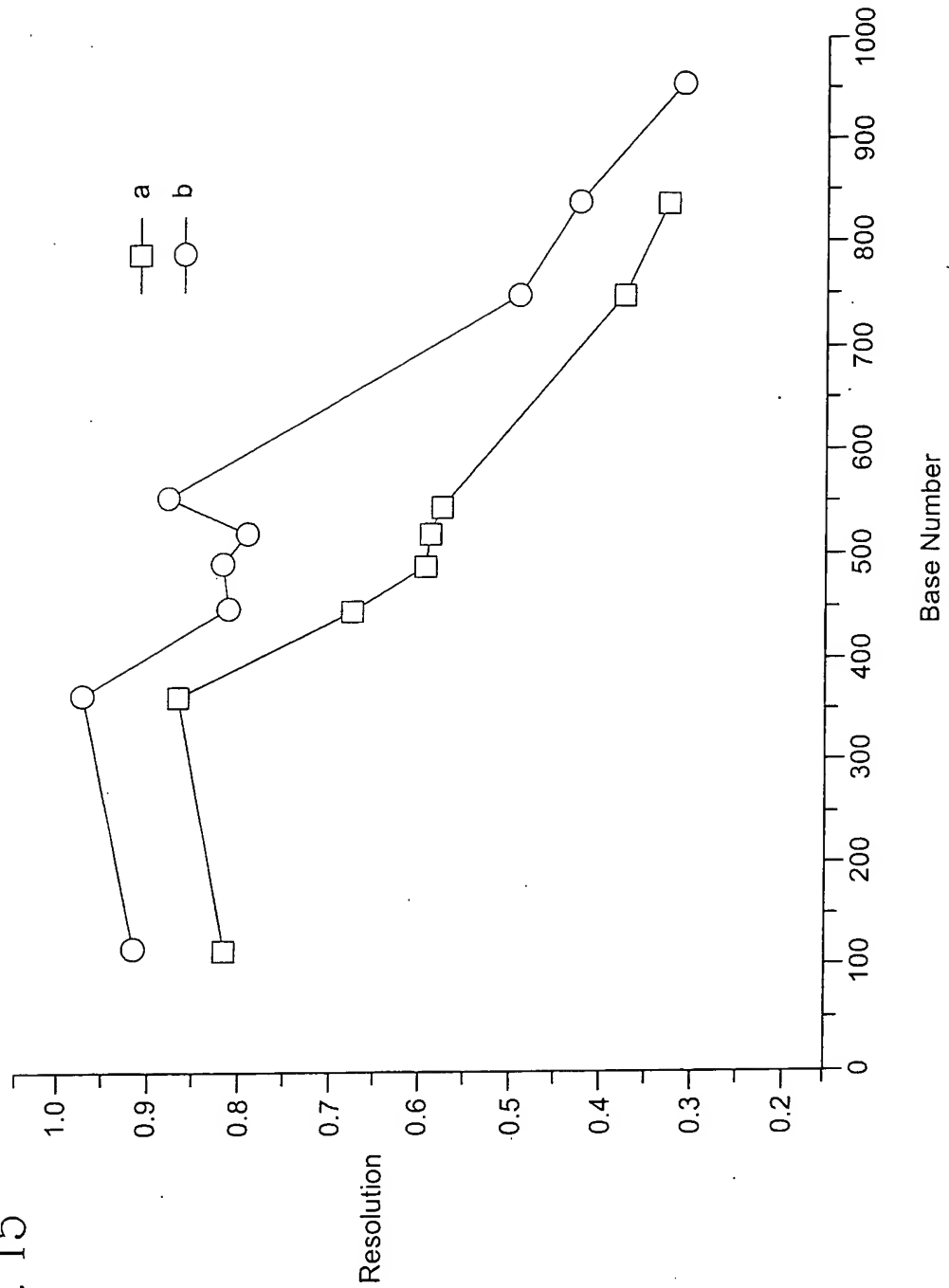


FIG. 15

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FIG. 16A

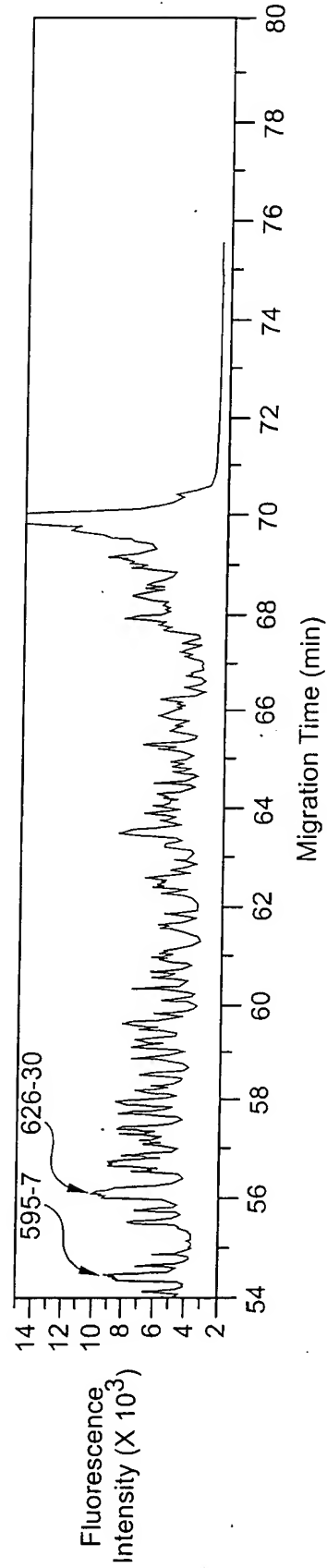
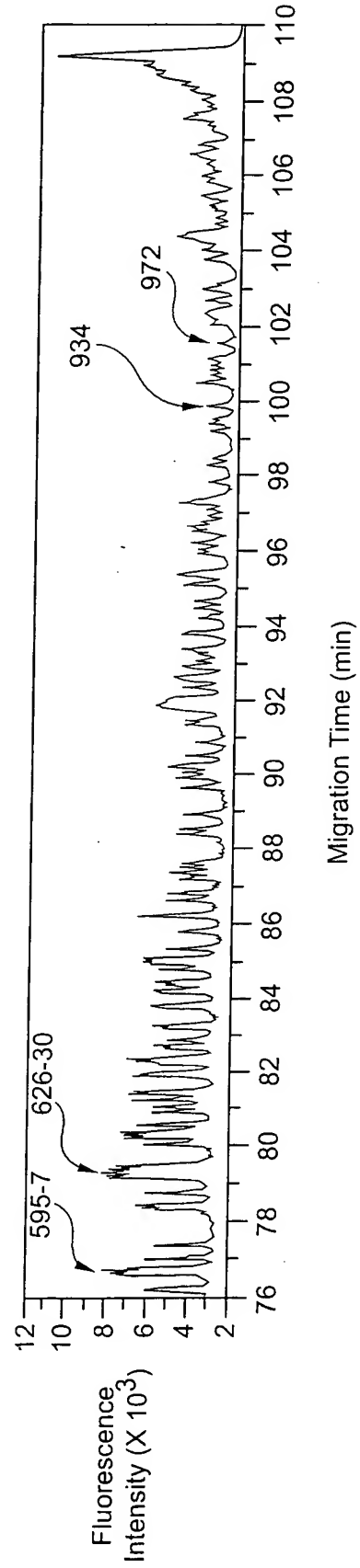


FIG. 16B



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FIG. 17A

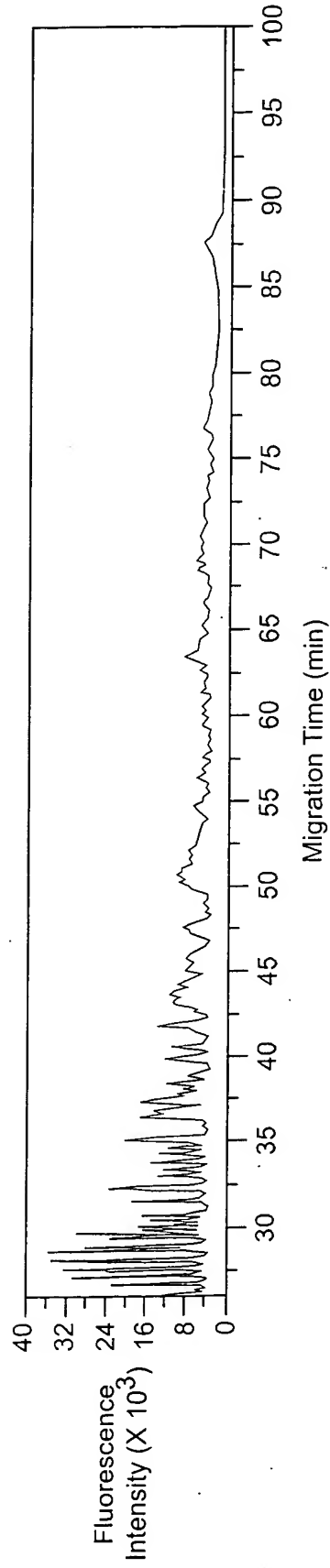


FIG. 17B

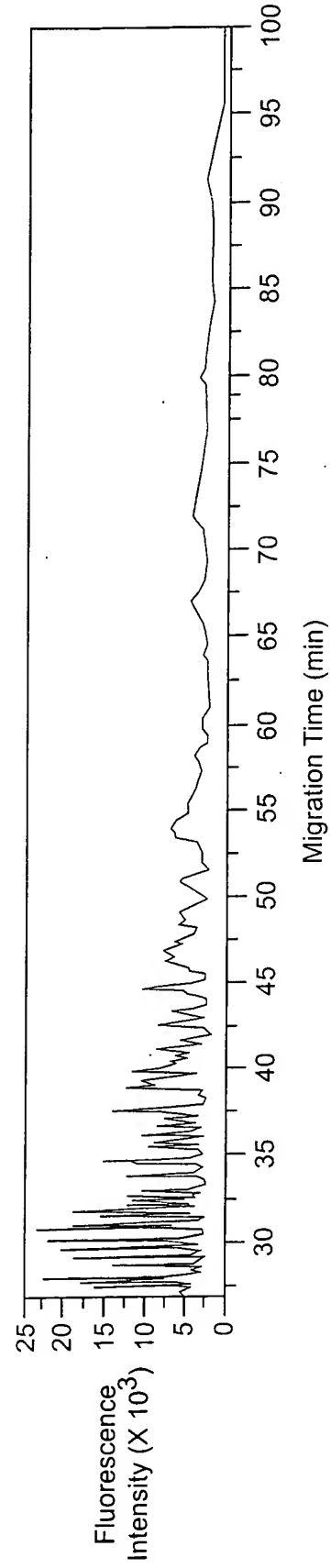
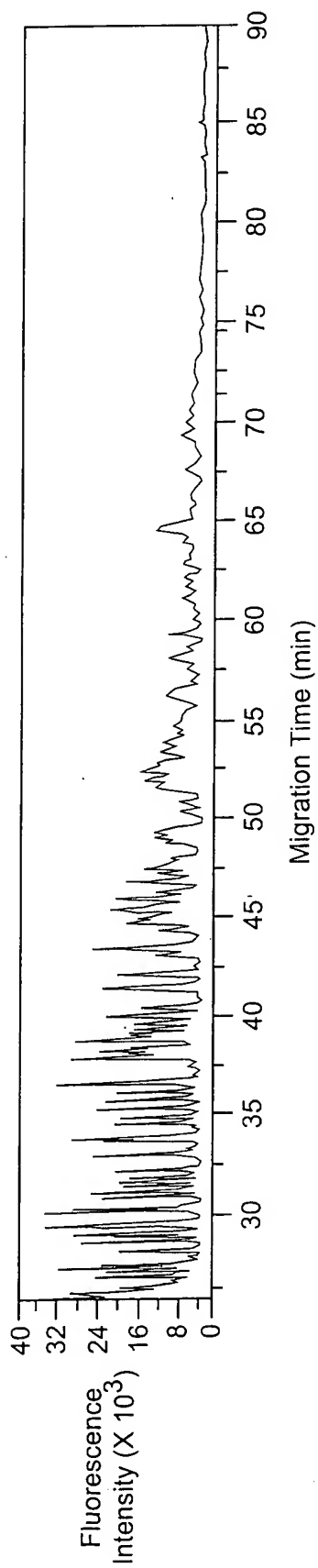


FIG. 17C



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FIG. 17D

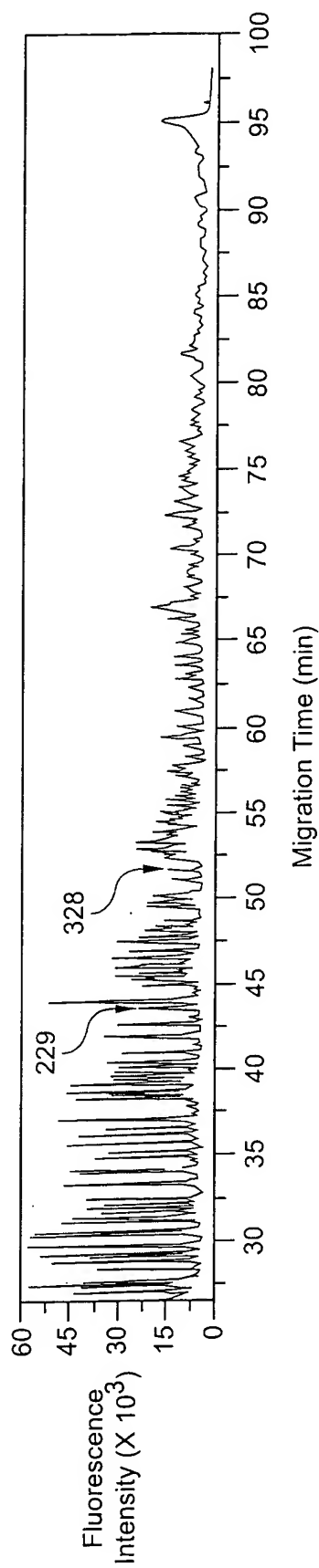
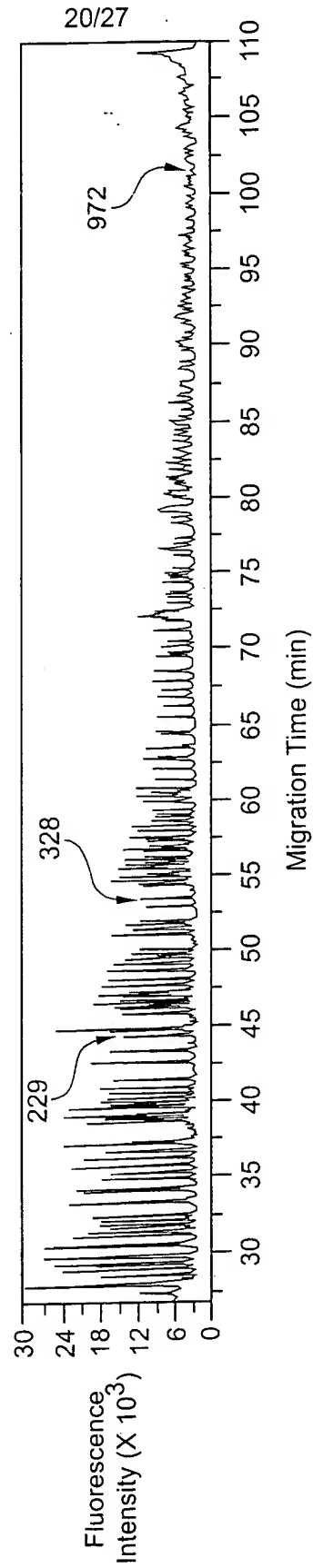
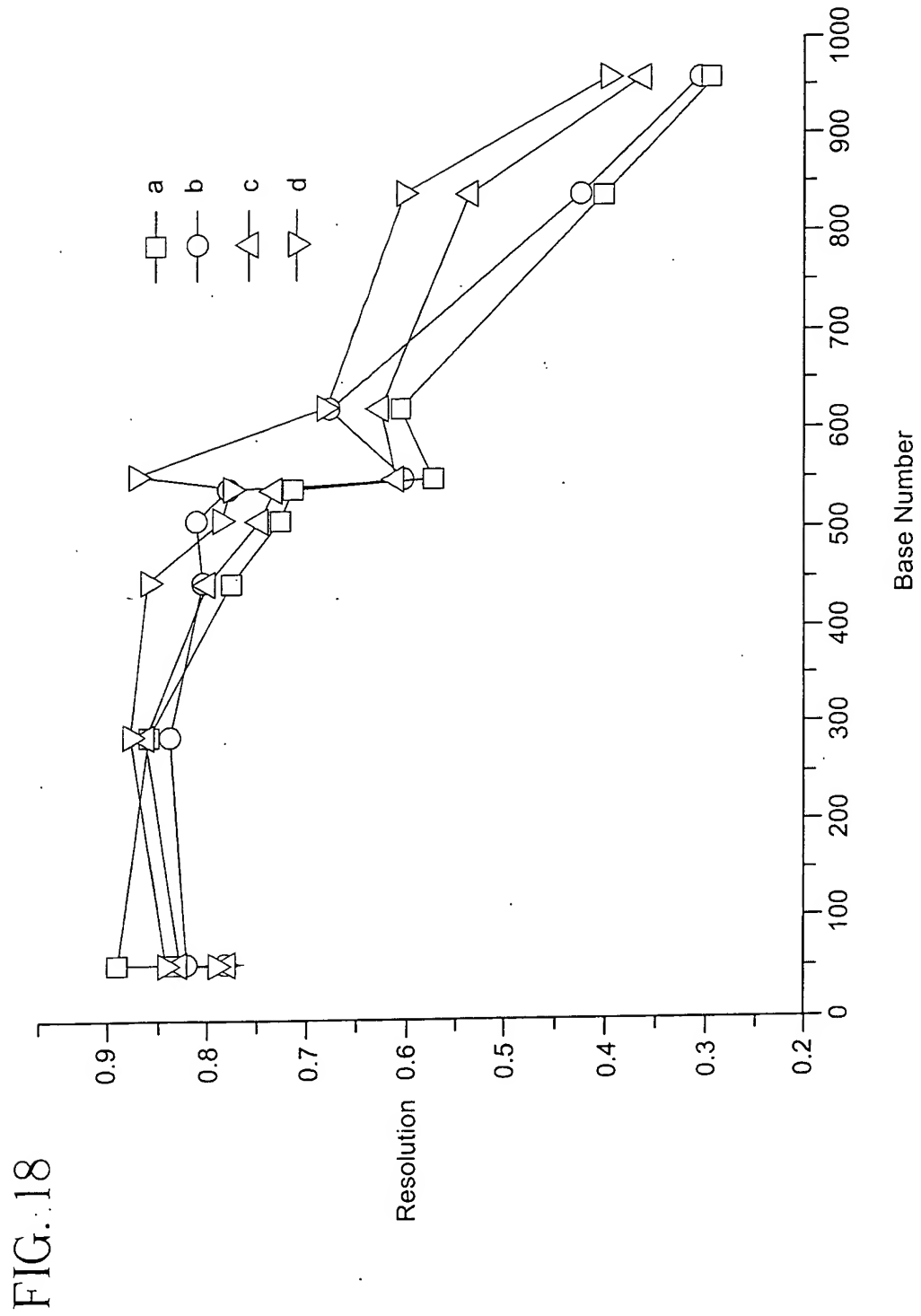


FIG. 17E



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FIG. 19A

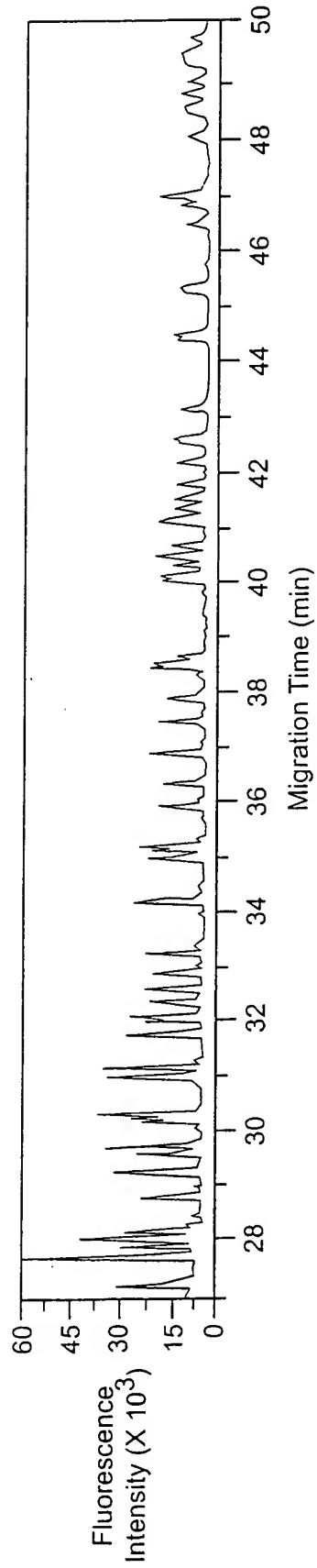
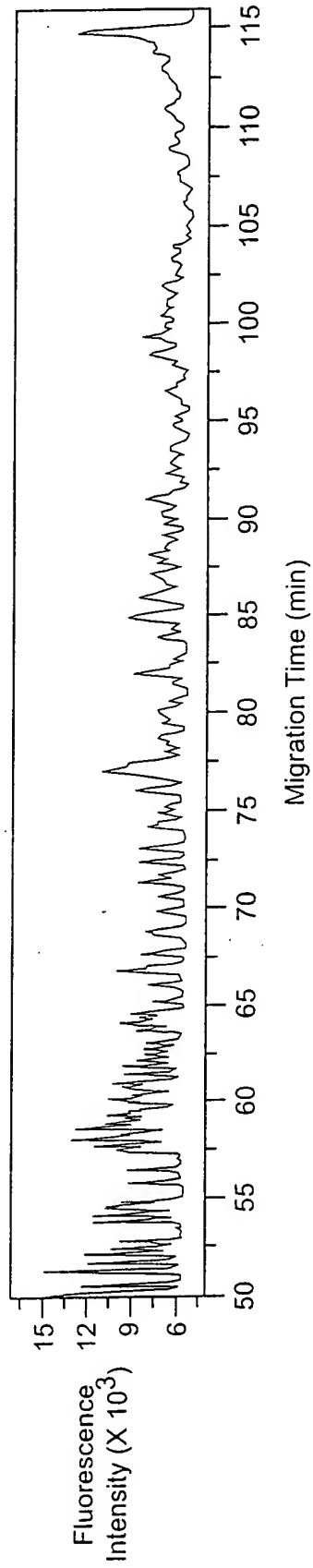


FIG. 19B



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FIG. 19C

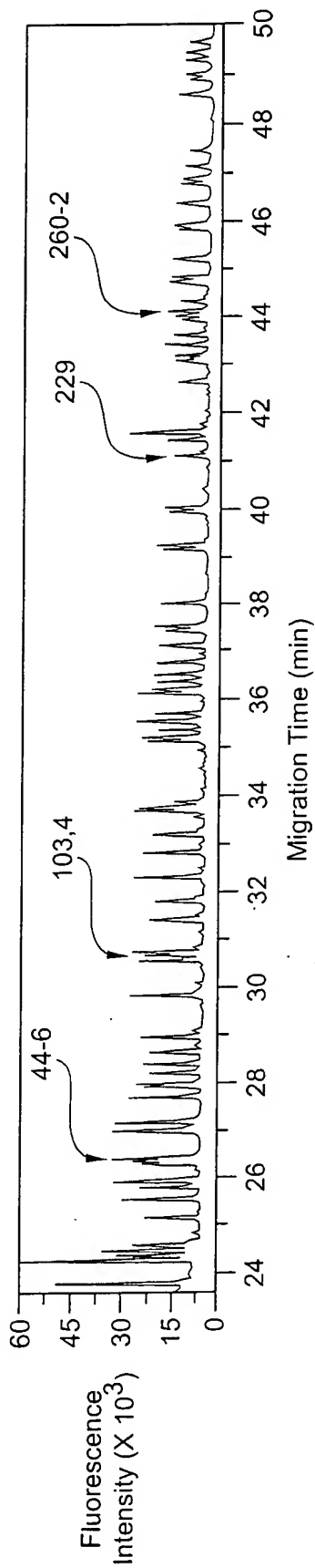
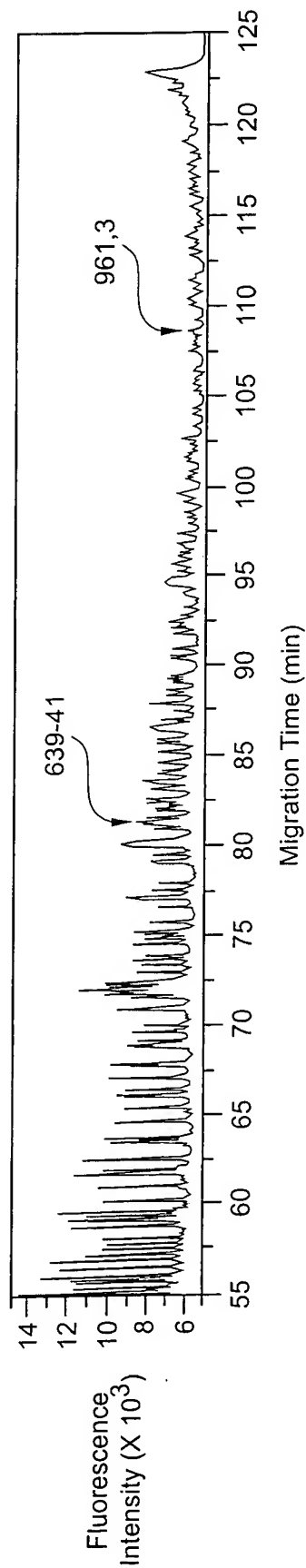


FIG. 19D



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FIG. 20A

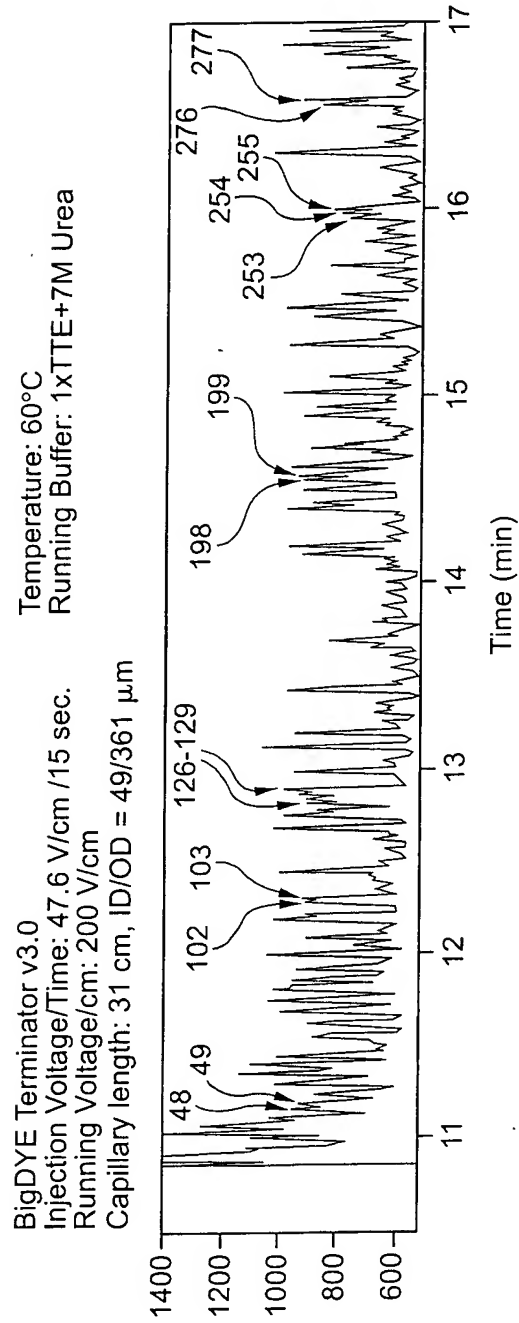
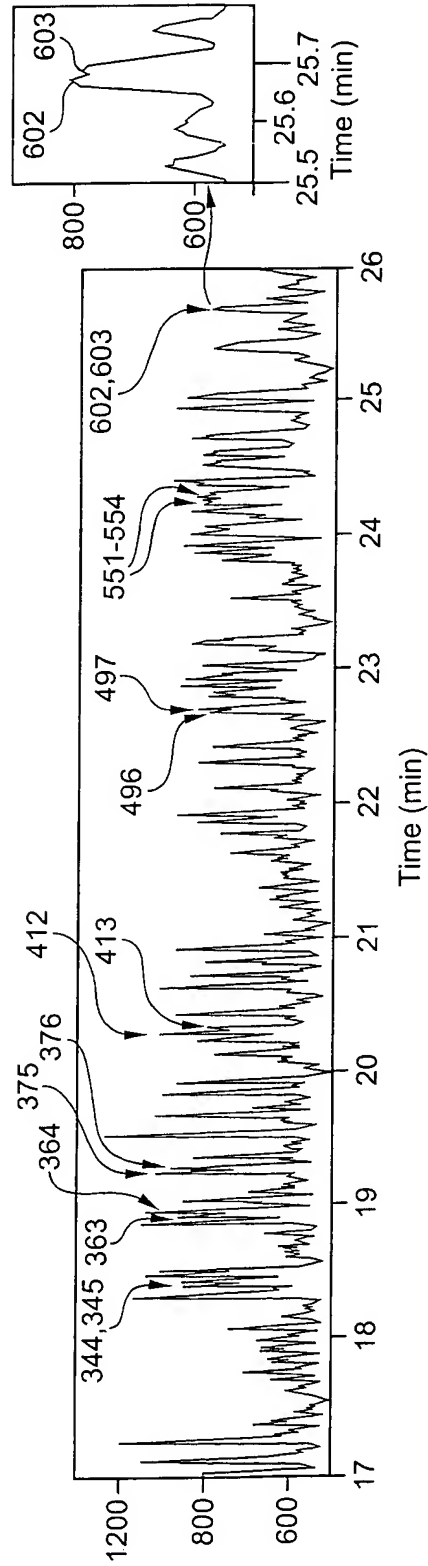


FIG. 20B

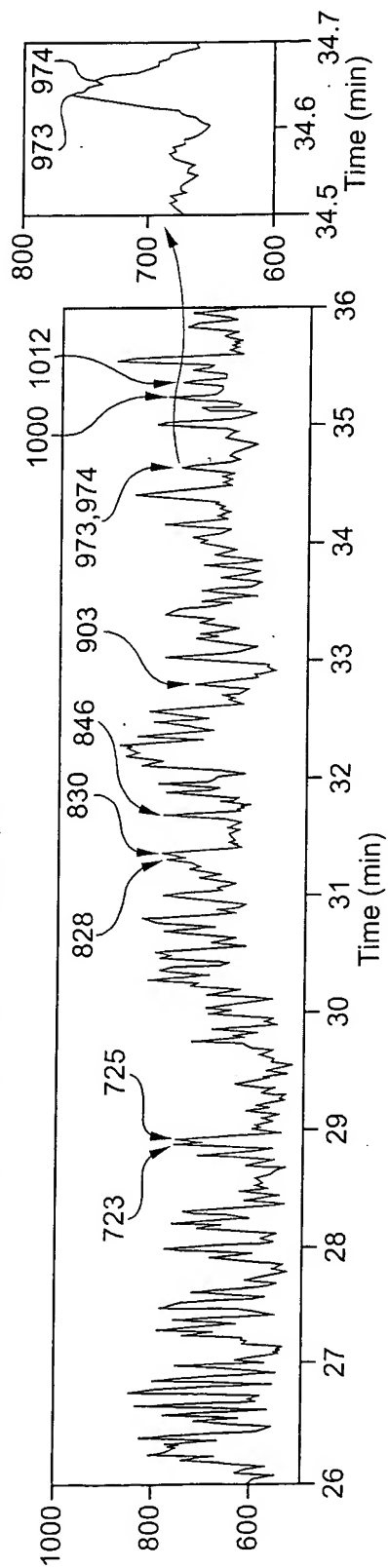
BigDYE Terminator v3.0
Injection Voltage/Time: 47.6 V/cm /15 sec.
Running Voltage/cm: 200 V/cm
Capillary length: 31 cm, ID/OD = 49/361 μ m
Temperature: 60°C
Running Buffer: 1xTTE+7M Urea



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FIG. 20C

BigDYE Terminator v3.0
Injection Voltage/Time: 47.6 V/cm /15 sec.
Running Voltage/cm: 200 V/cm
Capillary length: 31 cm, ID/OD = 49/361 μ m
Temperature: 60°C
Running Buffer: 1xTTE+7M Urea



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